GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1783
ANSWERED ON:03.08.2000
POWER GENERATION THROUGH MODERN TECHNOLOGY
JASKAUR MEENA

Will the Minister of POWER be pleased to state:

(a) whether the Government are considering to promote power generation through modern technology to reduce pollution due to the use of coal in power generation;

(b) if so, the details thereof; and

(c) the details of improvement in power generation through this technology?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a): Yes, Sir.

(b): The technologies being promoted include Supercritical units, fluidized bed combustion boilers and Integrated gassification combined cycle plants. These technologies give better generation efficiencies, thus reducing pollution from coal fired units. In addition, existing thermal units are also being modernized and renovated to improve their reliability, efficiency, safety and environmental management. Energy audits are also being encouraged in generation plants to identify areas requiring immediate attention so as to improve the efficiency by reducing losses.

(c): These new technologies for power generation will improve generation efficiency by 2-8% as compared to conventional coal fired units. Renovation and Modernisation programme is intended to improve generation, increase efficiency and control pollution from the existing units.